22:Winterbotham et al. K-4 (no date) 1944 MS37 Senegal MS 37

Gambia, often in rotation with ground-nuts. Of the quick-maturing varieties *souna* and *sanio* are the most popular, the former thriving in sandy soil, the latter in heavier ground. Several kinds of sorghum are also cultivated. In the river area millet is sown where the floods have subsided and is harvested in April. In other parts it is planted immediately before the rainy season. Production probably averages about 300,000 tons annually. The export of millet from one province to another is controlled according to local needs.

Rice. The area flooded by the Casámance is naturally suited for rice cultivation. The rice-fields are handed down from father to son, each family growing sufficient for its own consumption and to pay its taxes. A store of rice is always kept to guard against a lean year or to be exchanged for some other commodity required.

Sugar-cane. This is grown near every village where there is enough water. No attempt has been made to commercialize the crop, and the West African varieties are more woody and contain less juice than those grown elsewhere for export. Sugar-cane (*Saccharum officinarum*) is a perennial plant of the grass family. It is easy to grow, even near the sea, but takes at least a year to mature. When grown for local use, as it is here, sugar is not extracted, but the red or white stems are chewed.

The Baobab. The baobab (*Adansonia digitata*) is found generally in the thornland (Plate III), and is, therefore, much in evidence in Senegal. It is remarkable for the large girth of its trunk in comparison to its branches and leaves. The long green fruit, known as monkey-bread, is used as a food or as a seasoner. Boiled with water and then cooled, it also makes a refreshing drink, while the leaves and the young shoots are also good to eat. The inner bark yields a tough fibre, which can be twisted into rope or woven into a waterproof cloth. About 30 years ago a factory was opened at Dakar to prepare the fibre for export to rope- and paper-making firms in France. The bark and fibre can be stripped off without causing the death of the tree.

Manioc, beans, and maize are grown generally in the vicinity of villages. In the Cape Verde peninsula these, as well as yams, sweet potatoes, and melons, are grown for the Dakar markets.

Economic Crops

Ground-nuts. Ground-nuts (*Arachis hypogaea*) require a tropical climate and an annual rainfall of from 14 to 60 inches. They are the

/119 cont./
433 [243] production of about 14,000 tons, which are entirely consumed on the spot.

[244] [474] Manioc. Manioc is the crop grown in some plantings around the villages. The native Société de Prevoyance distributed many cuttings in most of the cantons in 1925.

About 5,000 hectares are planted to manioc, with a production of 25,000 tons of fresh manioc.

[243] /120/ Maize. Maize is not planted everywhere. It is cultivated in Bas-Saloum and in Sine, a little in Saloum. There are 2,000 hectares of maize and 2,000 tons of production.

[244] Beans (niébés). The bean called "niébé" is planted on about 15,000 hectares, yielding a harvest of 7,000 tons.

Production, however, remains stationary, because the plant is attacked by various insects (weevils).

[245] [654] Bananas. Two banana plantations, established by the administration, exist at Sangako and Bani in Bas-Saloum. They could be multiplied in this region.

[249] Sugar cane. This product is not cultivated very much -- the soil is not suitable -- with rare exceptions.

[248] Cotton. Native cotton is cultivated only in small stretches. This crop takes up 700 hectares of land.

[249] Indigo. The region that is the principal producer of indigo is Bas-Saloum. This crop has tended to increase for the past several years.

[314] Kapok. The kapok tree lives in the wild state. There are some in the cantons along the railroad (N'Gahaye-Gossas), but especially to the south, starting at Kaffrine and above all in Koungheul. The native does not harvest it or harvests it poorly. The circle could yield 100 tons of kapok, but it provides only 20 tons at the most, used locally or sold abroad.